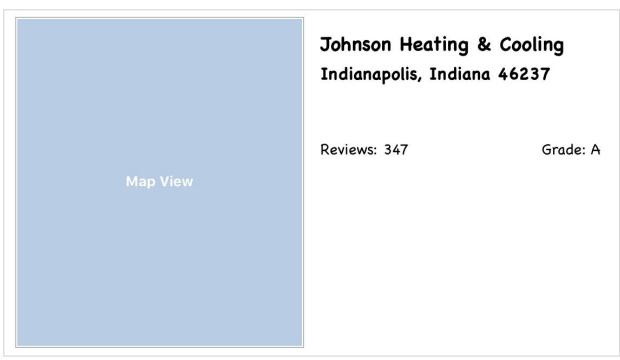# Angie's List iOS Coding Challenge

Introduction

You will build ios mobile app that displays information about different service providers in a single view application. This app will fetch the information for the serviceproviders from the following URL:

http://private-f9668b-ioscoding.apiary-mock.com/angieslist/codingChallenge/serviceproviders

Master view cell design:

Detail view design - Landscape:

Map View

Johnson Heating & Cooling
Indianapolis, Indiana 46237

Reviews: 347   Grade: A

Detail view design - Portrait

Constraints

Master view of this applications should be written in Objective-C and Detail view in Swift.
The app must run on the latest released version of the target platform
The app must support both portrait and landscape modes without crashing at any time.
The app may use libraries for HTTP/REST or JSON, such as AFNetworking, AlamoFire…
You can use github as a code repository(optional)

Evaluation

Your solution will be evaluated following this criteria:

Code: Were proper object-oriented design and platform code conventions used? Were variables and methods well named? Were methods kept to a reasonable length?
Completeness: Were all of the stories and acceptance criteria met?
Extensibility: Will it be easy for another developer to add new features to this project?

Story 1: When I launch the app I must see a list of Serviceproviders.

Acceptance criteria:

1. Serviceproviders are presented in a list format.
2. Serviceproviders must be sorted by name
3. The user must be able to scroll through the list of Serviceproviders. The title of the screen should be Serviceproviders.

Story 2: When I tap on a Serviceprovider, I'm taken to a new screen

Acceptance criteria:

1. Tapping on a Serviceprovider presents a new screen.
2. The title of the screen should be the name of the selected Serviceprovider.

Story 3: When I open the details screen, I should see a map with a pin on the correct service provider address

Acceptance criteria:

1. The details screen must display a map
2. The map should contain a pin
3. This pin should be located in the correct place for the selected Serviceprovider.

Story 4: When I open the details screen in portrait, I should see more information for the selected Serviceprovider

Acceptance criteria

1. Below the map, serviceprovider name, serviceprovider address, grade and reviewCount should be displayed, as shown in the designs.

Story 5: When I open the details screen in landscape, I should see more information for the selected Serviceprovider

Acceptance criteria:

1. At the right of the map, serviceprovider name, serviceprovider address, grade and reviewCount should be displayed, as shown in the designs.

Story 6: I should be able to sort the list of Serviceproviders

Acceptance criteria:

1. Users should open a actionsheet menu from the top right of master view -- **add sort button at top right.**
2. "Sort by name", "Sort by grade" and "Sort by reviewCount" should be the options in the menu 3. When tapping on any of the options, the list should be updated accordingly.

Send completed project to harip@angieslist.com (zipfile & github link)